

## ABSTRACT OF THE DISCLOSURE

5 A wireless communication handset and system having improved  
antenna performance. The system includes a handset body (300) and multiple  
housing portions with different antenna loading characteristics, for example  
different materials or shapes, interchangeably mounted on a common portion of  
the handset body. The handset body (300) includes electrical communications  
10 circuitry coupled to an antenna (314), which is adjacent the interchangeable  
housing portions. A discrete or integrally formed antenna loading feature  
compensates for the different antenna loading characteristics of the different  
housing portions to provide optimal antenna performance regardless of the  
housing portions mounted on the handset body.